CW/HW#15H: Factoring Review

Honors Geometry

DUE: Monday, September 28th, 2015

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ TP: \_\_\_\_\_\_\_

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| ***Write each polynomial in standard form. Then, determine the degree of the polynomial.*** | |
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|  |  |
| 1. Simplify: | 1. Simplify: |
| 1. Simplify: | 1. Simplify: |
| 1. Simplify: | 1. Simplify: |
| 1. Factor out the GCF: | 1. Factor out the GCF: |
| 1. A square deck has a side length of . You are expanding the deck so that each side is four times as long as the side length of the original deck. What is the area of the new deck? Draw a labeled picture and represent your answer in standard form. | |
| 1. Simplify: | 1. Simplify: |
| 1. Simplify: | 1. Simplify: |
| 1. Simplify: | 1. Simplify: |
| 1. Factor: | 1. Factor: |
| 1. Factor: | 1. Factor: |